

INFORMATION REPORT INFORMATION REPORT**CENTRAL INTELLIGENCE AGENCY**

This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

25X1

C-O-N-F-I-D-E-N-T-I-A-LCOUNTRY **USSR (Latvia)**REPORT SUBJECT **Military Installations/Topography**

DATE DISTR.

NO. PAGES **Three**

REFERENCES

DATE OF
INFO.
PLACE &
DATE ACQ.

25X1

THIS IS UNEVALUATED INFORMATION

25X1

Military Installations

1. As of Jun 60 there is a jet fighter base at Rumbula, near Riga. Rumbula actually is nothing but a shack which passes as a railway station on the railroad running from Riga to Plevinsas,
 The field has about 100 MIG fighters. There is a very light green wooden fence which completely surrounds the field, and is so high that one cannot see over it even when riding by on a train. However, there is no barbed wire on top of the fence so it would be possible to scale it. There is a distance of five km between the fence and the Daugava River. 25X1
2. There is a tank training center at Ikskile , a few kms SE of Rumbula. 25X1
3. There are a number of ammunition dumps at Parumba and a large ammunition dump which covers about 2 sq km at Skiretova
This is the most important railway junction in Latvia. There is a red brick station and about 1.5-2 km north of the station is the ammunition dump. The dump is surrounded by a red brick fence with wooden watch towers at the corners. Inside the installation there are a number of barracks-like buildings, but they are used for storage rather than living quarters. There is a distance of 100 meters between the fence and the railroad, and a distance of 50 meters between the fence and the main highway, which is a two-lane asphalt surface road. 25X1
4. At Varve, about 10 km south of Ventspils there are a number of military barracks, and as of Jun 60 there were 3-4 hydroplanes. 25X1
5. There are some military aircraft of an unknown type located at Spilve Airport in the outskirts of Riga. 25X1
6. At Kisesers, opposite Riga, the Germans based a number of hydroplanes during WWII. This base, which is near Mezaparks, has been expanded by the Soviets.
7. There is a 40' wide one way concrete airstrip at Vanyod (Vainode),
, which is surrounded by a thick forest. The entire border area is heavily wooded. 25X1

5
4
3
2
15
4
3
2
1

STATE	Subsistence	Installation	AIR	FBI	AEC				
-------	--------------------	---------------------	------------	------------	------------	--	--	--	--

C-O-N-F-I-D-E-N-T-I-A-L**INFORMATION REPORT INFORMATION REPORT****NOFORN****NO DISSEM ABROAD****LIMITED**

LIMITED: Dissemination limited to full-time employees of CIA, AEC and FBI; and, within State and Defense, to the intelligence components, other offices producing NIS elements, and higher echelons with their immediate supporting staffs. Not to be disseminated to consultants, external projects or reserve written.

C-O-N-F-I-D-E-N-T-I-A-L

- 2 -

8. A small petroleum tank farm of 3-4 tanks is located at Tuzbuny, south of Ventspils at the point where the railroad crosses the highway. These tanks are quite shiny and at a distance look like aluminum. Immediately to the south of the tanks there are a number of windmills, on the same side of the highway. [redacted]
9. There are a number of submarines, torpedo boats, light cruisers, and destroyers at Ventspils. [redacted]
10. At Liepaja there is an important navy base. Kara Osta is the best harbor on the Baltic, and has the largest dry docks on the Baltic. Heavy cruisers can be accommodated at this base.

25X1

25X1

Topography

11. Much of the area along the coast is prohibited. The entire coast from Ventspils south to a point below Liepaja is restricted. At Liepaja there are a number of good beaches. The sand is hard and white, and it used to be a favorite sport to drive bicycles down the beach. The strand in the area around Bernati is about two cars wide, hard sand, before encountering soft sand. There is an incline leading to sand dunes which have a heavy covering of weeds and grass. It is too soft to walk in this area.
12. Luene Swamp, north of Staldzene, is prohibited and the entire shoreline from Staldzene to Sikrage is prohibited.
13. Paralleling the coast at Ventspils and running north-south are three sand bars between the shore and a point 75 meters out. The first sand bar off shore is under about one foot of water; the second under about two feet; and the third is practically at the surface. The deepest water between the third sand bar off shore and the shore would be about 5'10".
14. It would be possible for a skuba diver to swim into Ventspils harbor quite easily, as tides and currents are nondescript.
15. The waters around the point at Kolka, between Domane Strait and the Gulf of Riga are very dangerous for navigation, and there are many wrecks and sand bars in the area. [redacted]
16. Riga Bay is not suitable for deep-draft ships except in the Channel up to Bolderaja. Light and heavy cruisers can be moored at Bolderaja.
17. There are many rivers in Latvia which vary widely in their characteristics. The Daugava River above Riga is deep and there is a very fast current, especially around Koknese and Ikshile. At Ikshile [redacted] there is a spot where the German army was able to ford the Daugava River during WWII. The river at Riga was too deep and so the Germans crossed at the one spot where water is only chest deep. This spot is at the NE corner of the small island in the river. The Germans used pontoons for vehicles, but the infantry was able to wade across, although the water is quite rapid, with whirlpools, and there is a steep bank on the north side of the river.
18. As of Jun 60 the point still shows the effects of military action during WWII as there are many shell craters in the area. The Soviets would undoubtedly be expecting a crossing at this point in the event of military action, because they studied the techniques of the Germans very carefully and have them all written up in a book.
19. At Riga there are two bridges, one of which was just completed in 1959. This bridge is of concrete and steel construction and is four-cars wide. The river is about 3-4 km wide at this point.
20. The Lielupe River is slow and is about 200 yds wide. There are no reefs and it is very easy to swim.

25X1

25X1

C-O-N-F-I-D-E-N-T-I-A-L

C-O-N-F-I-D-E-N-T-I-A-L

- 3 -

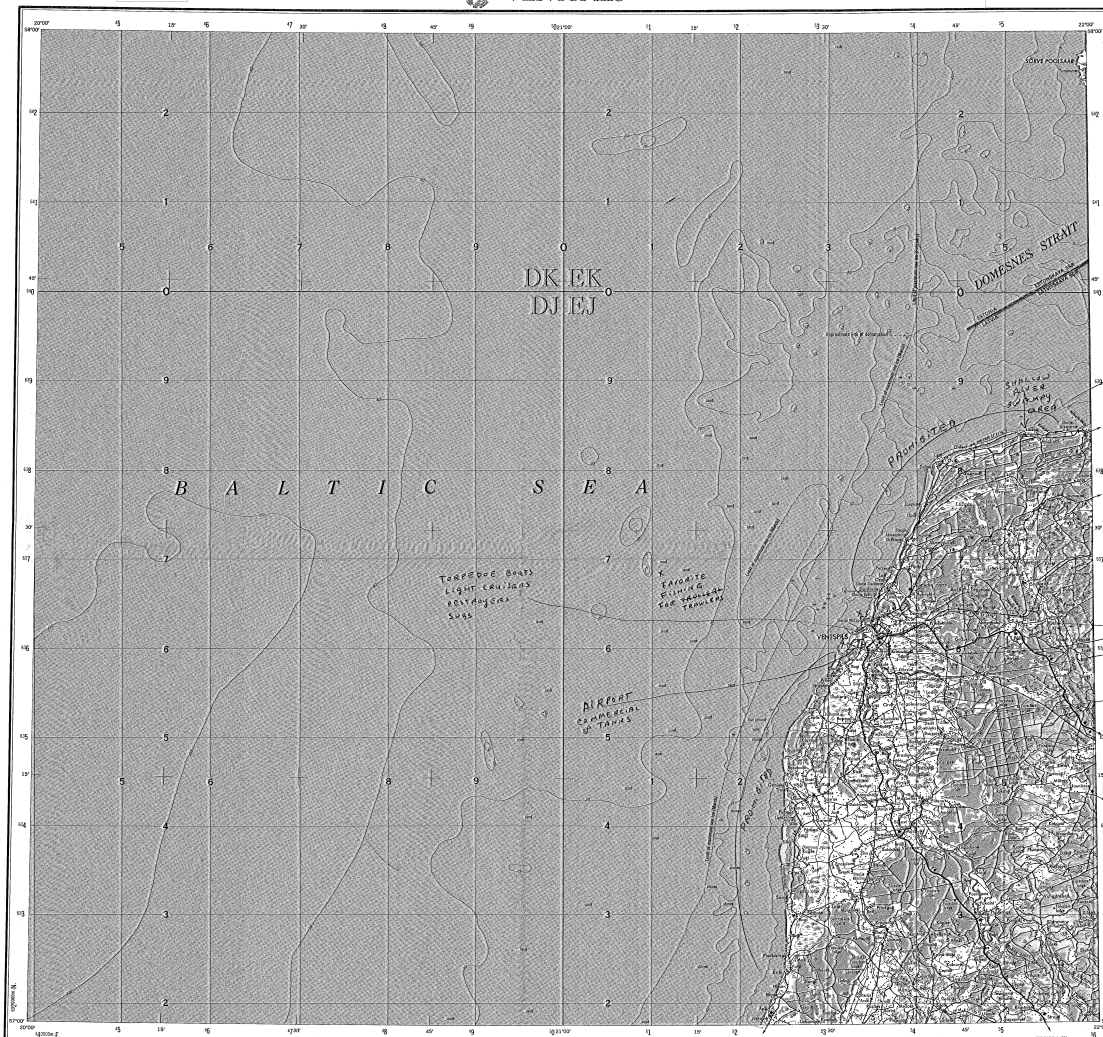
21. The Pree River [] is shallow, small, and stony. There are many places to hide in this area, near the Koknese ruins. These are German medieval ruins and attract many tourists. 25X1
22. The Ogre is a shallow, stony, and fast river.
23. Latvia has many lakes, some of which are quite large and deep and could be used for hydroplanes in the event of hostilities. Moritz Sala is an island in (Lake) Usmas Ezers. The island is a wild life preserve and would be of very definite strategic value in the event of war, to provide a site for a radio beam guide base or possibly landing of sea planes. It is located near the strategic Ventspils-Riga railway []. There are 2 or 3 game wardens, with dogs, on Moritz Sala. 25X1
24. Lake Vestiena [] is a deep lake, as is Kalu Ezers, which is located close to the highest point in Latvia, at Sinkas. 25X1
25. Lake Busnieks is a prohibited area. [] It is the site of an old WWII ammunition dump and it is said that there are hundreds of unexploded bombs in the water. It is possible to drive past the lake but access to it is denied. 25X1
26. Lake Kiserers is deep and wide [] It is 3-4 km wide, has sandy shores, the north side is forested, and the water is clear. During WWII the Germans had a hydroplane base at the SW corner of Lake Kiserers, at Masa Parks. 25X1
27. Jugla Lake is connected by a canal with Lake Kiserers. By bombing the bridge over the canal, the main escape route to the USSR (the Valmieras-Valkas highway) would be closed. Forces stationed near Riga would be forced to use the river as an escape route.
28. (Lake) Babites Ezers near Riga is a good-sized body of water, but is of no use for military purposes because it is almost full of six ft tall reeds. [] The water is only 3-4 feet deep and is very muddy. The area immediately north of the lake, along the bay, likewise is unusable because the water is too shallow for use of landing craft. The area is good for fishing and duck hunting. 25X1
29. The Tirela Purve Swamp near Babites Ezers would be a good place for hiding out.
30. Sea planes could land easily at (Lake) Zebres Ezers, which is 1-2 miles wide and very deep, []. The area between the lake and swamp to the south of the lake has very thick brush and is quite heavily wooded. 25X1
31. (Lake) Liepajas Ezers, east of Liepaja, is a shallow lake.
32. (Lake) Inesis [] is a deep lake. 25X1
33. The largest dam in Latvia, and a good-sized hydroelectric plant is located at Kogums, []. 25X1



-end-

C-O-N-F-I-D-E-N-T-I-A-L

VENTSPILS



A. Medium-scale hydrographic maps, compiled, 1840-1919.
B. Medium-scale hydrographic charts, 1920-39.
C. Small-scale hydrographic chart, 1922.
Positively-reversed from aerial photograph.

BEAUTIFULL
BEACHES - FIRM GROUND
ON BEACHES

LOCATION DIAGRAM FOR NO 34

SMALL PUBLIC BEACHES

- FISHERMEN WITH NETS

GRAVEL H-WAY

VÄRVE = RUSS. 30 L DIORI-
 10 KM BARRIKADS = 30 R 4 Hydoplans
 From tent/pole LEGEND 10-12 ft to
 Figures in red denote equal male distances
 in kilometers between stars
 di. sah

Densely built-up area _____

Over 100,000 **MOSKVA**

50,000 to 100,000.....CHERNIGOV
10,000 to 50,000.....BATAYSK
3,000 to 10,000.....Olzest

RAILROADS Single track Multiple track

Normal group (5 feet) —————

Narrow gauge —————

ROADS

Hard surface, all weather 2 LANE/4 LANE
More than two lanes wide _____
Two lanes wide _____ *Gravel*

Less than two lanes wide _____

Loose surface, graded, all weather. Principal Other

Loose surface, dry weather or dirt _____

BOUNDARIES

[illegible]

Horizontal control point _____ 6
Spot elevation in meters _____ 20
Neotoma _____

Marsh or Swamp _____

Woods-brushwood _____

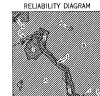
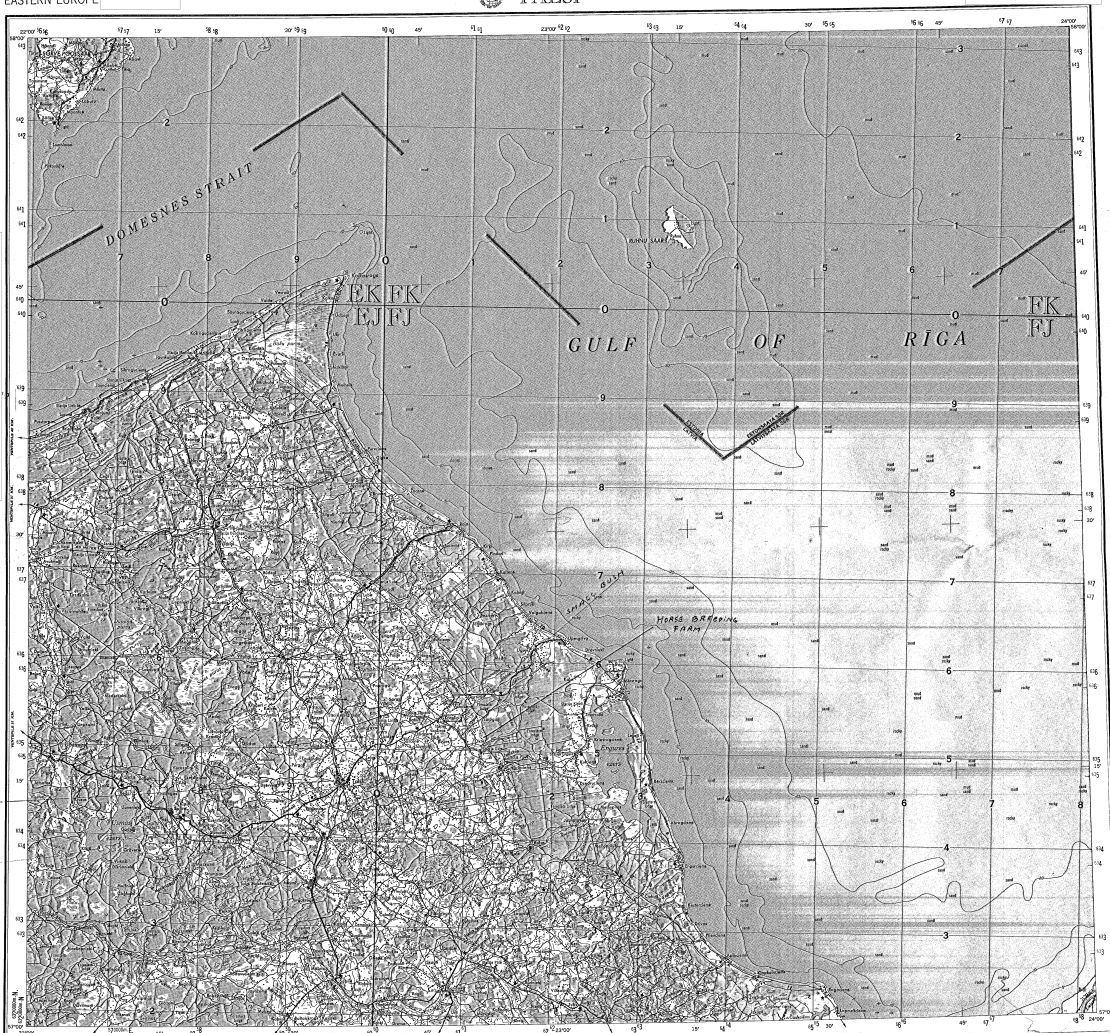
Rock: Ashy; Surles _____
Limit of danger: Roof _____
Downstream: Flat _____

CONFIDENTIAL

CONFIDENTIAL



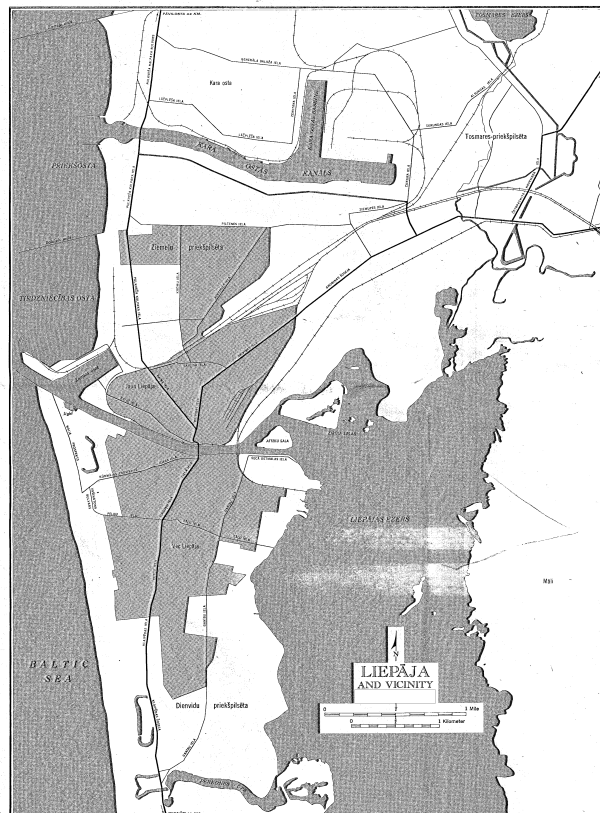
EASTERN EUROPE



RELIABILITY DIAGRAM
A. Diagram showing reliability of data, compiled from various sources.
B. Diagram showing reliability of data, compiled from various sources.
C. Diagram showing reliability of data, compiled from various sources.

LEGEND
Figure is not drawn to scale. Distances are approximate.

Depth less than 100 fms	100 fms to 200 fms	200 fms to 300 fms	300 fms to 400 fms	400 fms to 500 fms	500 fms to 600 fms	600 fms to 700 fms	700 fms to 800 fms	800 fms to 900 fms	900 fms to 1000 fms	1000 fms to 1100 fms	1100 fms to 1200 fms	1200 fms to 1300 fms	1300 fms to 1400 fms	1400 fms to 1500 fms	1500 fms to 1600 fms	1600 fms to 1700 fms	1700 fms to 1800 fms	1800 fms to 1900 fms	1900 fms to 2000 fms	2000 fms to 2100 fms	2100 fms to 2200 fms	2200 fms to 2300 fms	2300 fms to 2400 fms	2400 fms to 2500 fms	2500 fms to 2600 fms	2600 fms to 2700 fms	2700 fms to 2800 fms	2800 fms to 2900 fms	2900 fms to 3000 fms	3000 fms to 3100 fms	3100 fms to 3200 fms	3200 fms to 3300 fms	3300 fms to 3400 fms	3400 fms to 3500 fms	3500 fms to 3600 fms	3600 fms to 3700 fms	3700 fms to 3800 fms	3800 fms to 3900 fms	3900 fms to 4000 fms	4000 fms to 4100 fms	4100 fms to 4200 fms	4200 fms to 4300 fms	4300 fms to 4400 fms	4400 fms to 4500 fms	4500 fms to 4600 fms	4600 fms to 4700 fms	4700 fms to 4800 fms	4800 fms to 4900 fms	4900 fms to 5000 fms	5000 fms to 5100 fms	5100 fms to 5200 fms	5200 fms to 5300 fms	5300 fms to 5400 fms	5400 fms to 5500 fms	5500 fms to 5600 fms	5600 fms to 5700 fms	5700 fms to 5800 fms	5800 fms to 5900 fms	5900 fms to 6000 fms	6000 fms to 6100 fms	6100 fms to 6200 fms	6200 fms to 6300 fms	6300 fms to 6400 fms	6400 fms to 6500 fms	6500 fms to 6600 fms	6600 fms to 6700 fms	6700 fms to 6800 fms	6800 fms to 6900 fms	6900 fms to 7000 fms	7000 fms to 7100 fms	7100 fms to 7200 fms	7200 fms to 7300 fms	7300 fms to 7400 fms	7400 fms to 7500 fms	7500 fms to 7600 fms	7600 fms to 7700 fms	7700 fms to 7800 fms	7800 fms to 7900 fms	7900 fms to 8000 fms	8000 fms to 8100 fms	8100 fms to 8200 fms	8200 fms to 8300 fms	8300 fms to 8400 fms	8400 fms to 8500 fms	8500 fms to 8600 fms	8600 fms to 8700 fms	8700 fms to 8800 fms	8800 fms to 8900 fms	8900 fms to 9000 fms	9000 fms to 9100 fms	9100 fms to 9200 fms	9200 fms to 9300 fms	9300 fms to 9400 fms	9400 fms to 9500 fms	9500 fms to 9600 fms	9600 fms to 9700 fms	9700 fms to 9800 fms	9800 fms to 9900 fms	9900 fms to 10000 fms
-------------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	---------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	-----------------------



EASTERN EUROPE

ZEBRE -

GOOD LAKE

SMALL LAKE

JELGAVA

CONFIDENTIAL

DEER PARK

GOOD SWAMP

FOR HIBERN

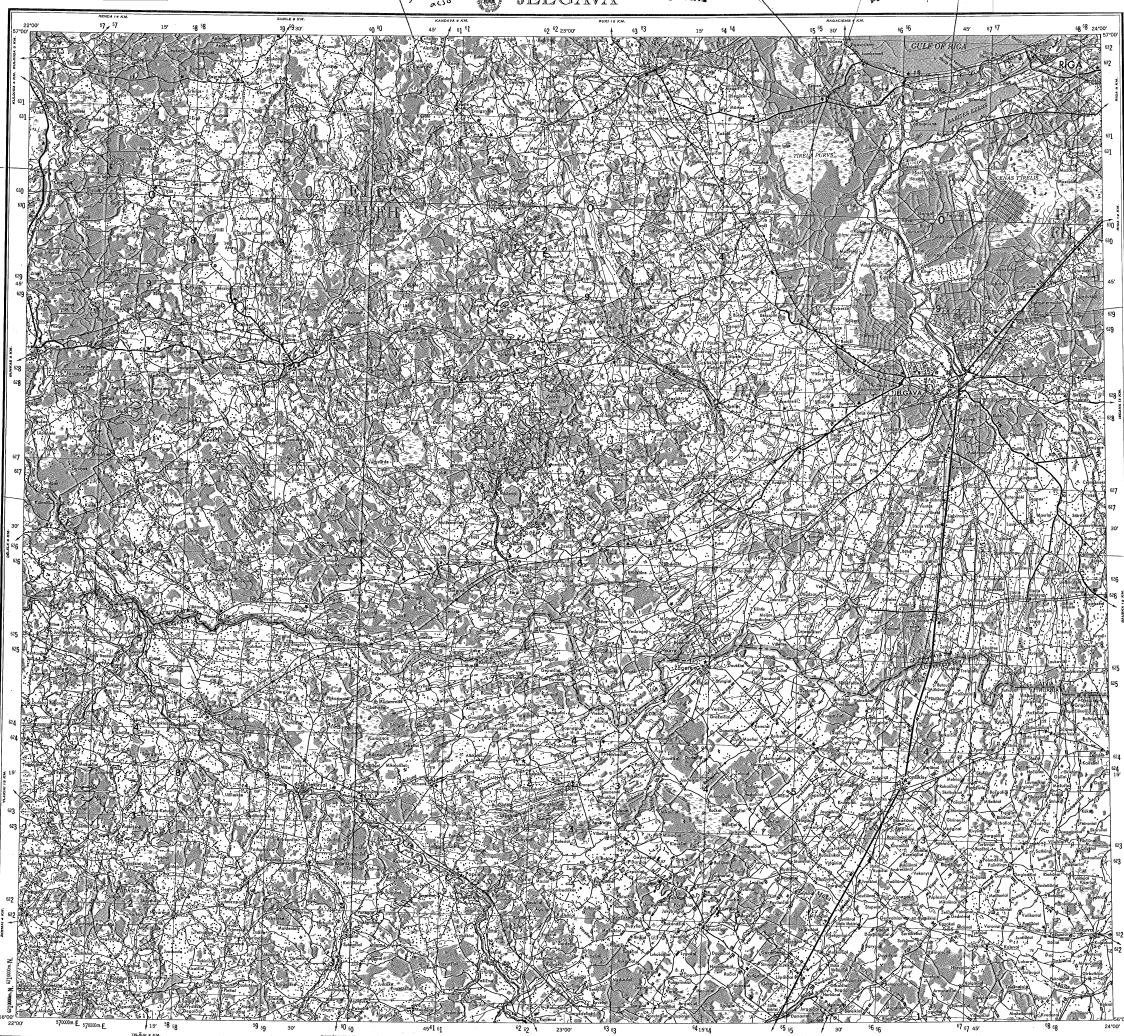
SHALLOW LAKE

MANY WEEDS

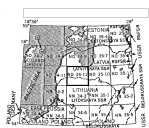
3-4 FEET DEEP WATER

Muddy

ducks, good fishing



CONCRETE HI-WAY



VAPULDES MUIZA
TELEPHONE EXCH.

LEGEND

Figures in red denote approximate distances in kilometers.

Distance	Scale
0 to 1000	1:100,000
1000 to 2000	1:200,000
2000 to 3000	1:300,000
3000 to 4000	1:400,000
4000 to 5000	1:500,000
5000 to 6000	1:600,000
6000 to 7000	1:700,000
7000 to 8000	1:800,000
8000 to 9000	1:900,000
9000 to 10,000	1:1,000,000

Scale 1:100,000

Scale 1:200,000

Scale 1:300,000

Scale 1:400,000

Scale 1:500,000

Scale 1:600,000

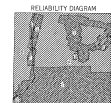
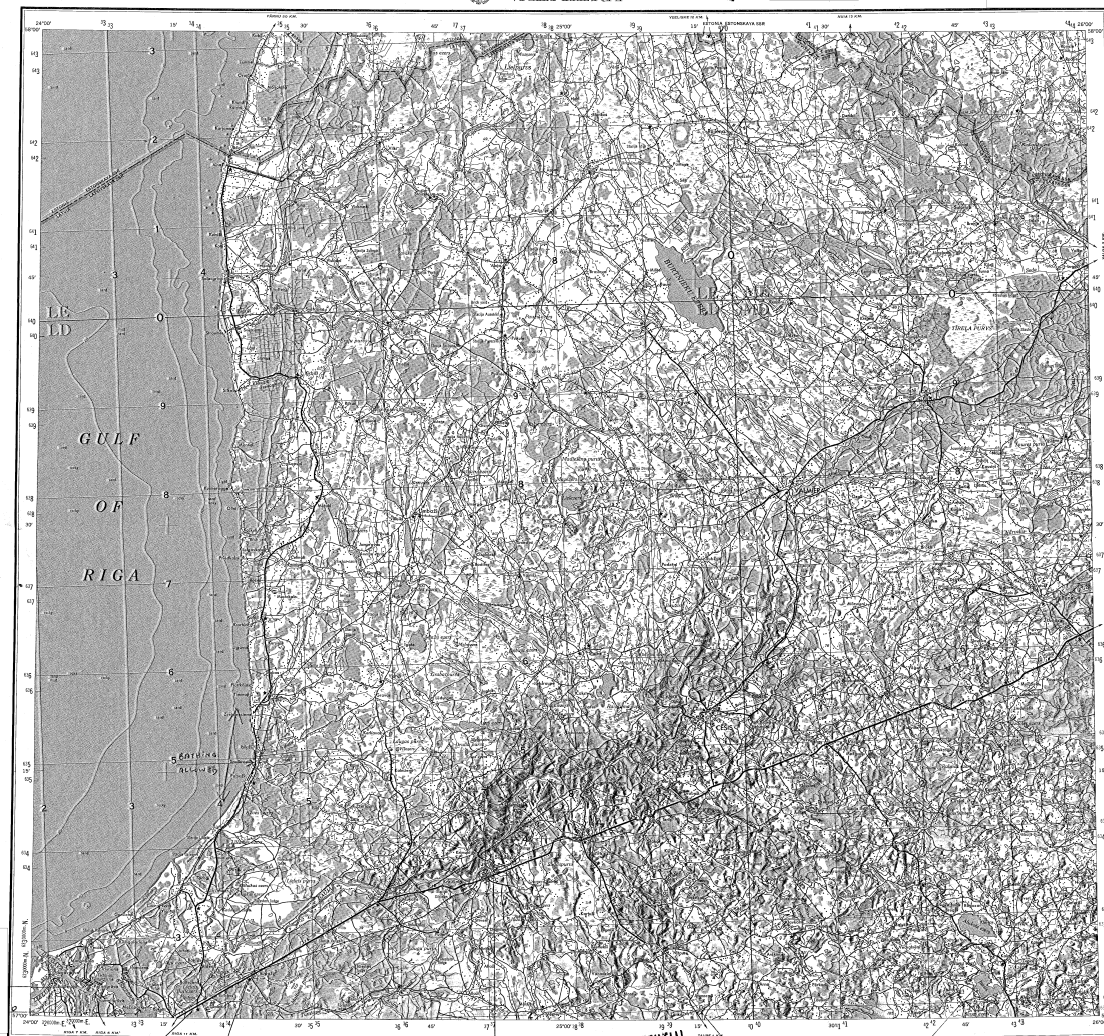
Scale 1:700,000

Scale 1:800,000

Scale 1:900,000

Scale 1:1,000,000

CONFIDENTIAL



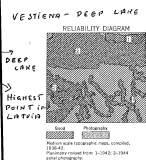
Good Photomicroscopy

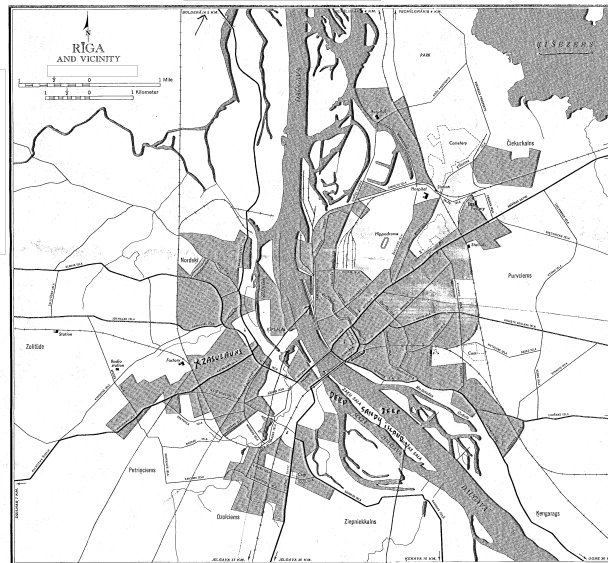
A. Medium scale tectonographic maps, 1938-42
B. Medium scale tectonographic charts, 1946
Photomicroscopy used from: 1-1944; 2-1943; 3-1941
aerial photomicroscopy.

LEGEND
Figures in red denote approximate distances

[illegible]

BEWARE OF ODZG -
POISONOUS SNAKE
FOUND UNDER WHEAT STACKS.
VALMIERA, LATVIA; ESTONIA

 RIGA[illegible]



25X1

25X1

25X1

25X1

25X1

STOCKHOLM-RIGA

WORLD	(EUROPE)
-------	----------

DO NOT TRUST ALL
LATVIAN OFFICERS IN
EXILE

LATVIAN FISHING BOATS
OPERATING OUT OF Tentsipits
always carry 1-2 trusted
communists.
Escape possible if met by a
SUG IN NEUTRAL WATERS and
escapees armed.

OLD Ventspils
AIRPORT
houses TANKS

SCUBA MEN
SWIM IN
VENTSPICES
and out again
Tide & CURRENT
NONDESCRIPT

~~SUBS,
LVAR
SHIPS
(BASE)~~

RIGA Bay not
suitable for
deep draft ships
except in channel
until Bolderaa
(Heavy cruiser of
Emden type. the largest possible)

2nd Fleet
BOTTLED up
completely by
germans FROM
1941-1944

DAUGAVA - DEEP
FAST - CURRENT
ABOVE RIGA -
especially - around
JURKILE
KOKNESE
GAUJA - FAST
LIELUPE - SLOW
VENTA - FAST AND SLOW